

DOCKET NO.: S1448.70001US00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Awad et al.
Serial No.: 09/925,231
Confirmation No.: 3651
Filed: August 8, 2001
For: METHOD AND APPARATUS FOR GENERATING A SET
OF FILTER COEFFICIENTS FOR A TIME UPDATED
ADAPTIVE FILTER
Examiner: Lu, Jia
Art Unit: 2634

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to MAIL STOP AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 13th day of January, 2005.

Paula K. Fairweather
Paula K. Fairweather

MAIL STOP AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**STATEMENT FILED PURSUANT TO THE DUTY OF
DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98**

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

PART I: Compliance with 37 C.F.R. §1.97

This Information Disclosure Statement has been filed more than three months after the filing date of this application and after the mailing date of the first Office Action, but before the mailing date of either a final action under 37 C.F.R. §1.113 or a Notice of Allowance under 37 C.F.R. §1.311, or an action that otherwise closes prosecution in this application. The fee of \$180.00 as set forth in 37 C.F.R. §1.17(p) is enclosed.

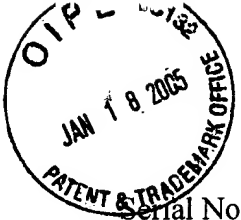
PART II: Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

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PART III: Remarks

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

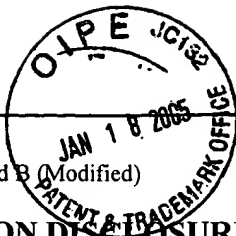
Notwithstanding any statements by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

Respectfully submitted,
Awad et al., Applicant

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Docket No.: S1448.70001US00
Date: January 13, 2005
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FORM PTO-1449/A and B (Modified)

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

APPLICATION NO.: 09/925,231	ATTY. DOCKET NO.: S1448.70001US00
FILING DATE: August 8, 2001	CONFIRMATION NO.: 3651
APPLICANT: Awad et al.	
GROUP ART UNIT: 2634	EXAMINER: Lu, Jia

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
		5,117,418		Chaffee et al.	05-26-1992
		5,329,587		Morgan et al.	07-12-1994
		5,375,147		Awata et al.	12-20-1994
		5,526,426		McLaughlin	06-11-1996
		6,035,312		Hasegawa	03-07-2000
		6,396,872	B1	Sugiyama	05-28-2002
		6,437,932	B1	Prater et al.	08-20-2002
		6,483,872	B2	Nguyen	11-19-2002
		6,744,886	B1	Benesty et al.	06-01-2004
		6,768,796	B2	Lu	07-27-2004
		2003/0072362	A1	Awad et al.	04-17-2003

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/ Country	Number	Kind Code			
		EP	0709958	A1	AT&T Corp.	05-01-1996	
		EP	0872962	A2	Nokia Mobile Phones Ltd. & Nokia Telecommunications Limited	10-21-1998	
		GB	2164828	A	International Standard Electric Corporation	03-26-1986	

OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
		DEISHER, M.E. et al., "Practical Considerations in the Implementation of a Frequency-Domain Adaptive Noise Canceller", IEEE Transactions on Circuits and Systems, II; Analog and Digital Signal Processing, IEEE Inc. New York, US, vol. 41, no. 2, Feb. 1, 1994, pp. 164-168, XP000443037	

EXAMINER:

DATE CONSIDERED:

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. __, filed __, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

[NOTE - The Office hereby waives the requirement under 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC 371 after June 30, 2003. See 37 CFR 1.491(b). For all patent applications filed on or before June 30, 2003, copies of cited U.S. patents and patent application publications are still required unless an eIDS is filed. Copies of all other patent(s), publication(s), or other information listed must still be provided, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]